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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/585,866

12/07/2006

Henri Seydoux

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EXAMINER

BONSHOCK, DENNIS G

ART UNIT

PAPER NUMBER

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/585,866	<b>Applicant(s)</b> SEYDOUX, HENRI	
	<b>Examiner</b> DENNIS G. BONSHOCK	<b>Art Unit</b> 2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 07 December 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☒ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>7-11-06 and 9-28-06</u> .                                     | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Specification***

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

#### **Arrangement of the Specification**

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
  - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

***Priority***

Acknowledgment is made of applicant's claim for foreign priority based on an application filed in France on 1-14-2004. It is noted, however, that applicant has not filed a certified copy of the 0400299 application as required by 35 U.S.C. 119(b).

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

2. A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
3. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Potter, Patent Number: 5,555,172, Zeinstra, Patent Number: 4,827,520, and Weimper et al., Publication Number: 2003/0074112, hereinafter Weimper.
4. With regard to claim 1, which teaches a device forming an interface for finding and selecting an option in a hierarchical directory, in particular for searching for and selecting a number in a directory of a mobile telephone on board a vehicle, Potter teaches, in column 3, lines 14-41 and column 4, lines 1-20 and figure , a device, located within a vehicle, for providing an interface for selecting an option from a hierarchically arranged directory of phone contacts. With regard to claim 1, which teaches the device comprising: a data memory containing a plurality of said options ordered as a sequential list; Potter teaches, in column 10, lines 51-56 and column 5, lines 3-10, memory for storing a plurality of options in a sequential list. With regard to claim 1, which teaches a

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pointer for selecting one of the options of the list; Potter teaches, in column 3, lines 27-31, a cursor for selection options from the list. With regard to claim 1, which teaches selector means suitable for incrementing or decrementing the pointer in response to controlled manipulation by the user; Potter teaches, in column 10, lines 10-56, a rotary switch control knob for incrementing or decrementing the cursor in response to user input. With regard to claim 1, which teaches processor means suitable for executing a set of predetermined actions as a function of the options in the data memory; Potter teaches, in column 10, lines 13-21 and column 4, line 50 through column 5, line 10, a processor for executing a set of action as functions of the options. With regard to claim 1, which teaches the device being characterized in that it further comprises: acoustic means suitable for sending to the user an audible message constituting a voiced representation of the option selected by the pointer in response to said pointer being incremented or decremented; Potter teaches, in column 10, lines 10-56, providing the user with a confirmation of elements selected. With regard to claim 1, which teaches confirmation means that can be manipulated by the user, suitable for reading the option selected by the pointer and transferring said option to the processor means for executing the corresponding action; Potter teaches, in column 10, lines 10-56 and column 4, line 50 through column 5, line 10, a rotary switch control knob for incrementing or decrementing the cursor in response to user input in order to select an option for processing and a processor for executing a set of action as functions of the options. With regard to claim 1, which teaches that said selector means comprise a two- directional rotary knob that can be manipulated by the user, said confirmation

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means comprising a transient contact that can be actuated by pressing on said rotary knob, Potter teaches, in column 10, lines 10-56, a rotary switch control knob for incrementing or decrementing the cursor in response to user input and an enter button for selecting the element the cursor is over.

5. Potter teaches providing confirming UI to the user selection (*supra*), but doesn't specifically teach acoustic means suitable for sending to the user an audible message constituting a voiced representation of the option selected by the pointer. Zeinstra teaches a system in a vehicle for selecting phone listings (see abstract), similar to that of Potter, but further teaches providing the user acoustic messages constituting an option selected by the user (see column 7, lines 16-35 and column 14, lines 8-18). It would have been obvious to one of ordinary skill in the art, having the teachings of Potter and Zeinstra before him at the time the invention was made to modify vehicular telecommunication system control of Potter to include the verbal confirmation as did Zeinstra. One would have been motivated to make such a combination because this allows for a intuitive / hands free method for the user to confirm selection without taking their eyes off the road.

6. Potter and Zeinstra teach a means for selecting and element from the directory (*supra*), but don't specifically teach the selection being made from actuating by pressing the rotary knob. Weimper teaches an in car computing system for telephone usages comprising a rotary switch (see paragraphs 1 and 34), but further teaches the selection means being located on the rotary switch (see paragraph 38). It would have been obvious to one of ordinary skill in the art, having the teachings of Potter, Zeinstra, and

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Weimper before him at the time the invention was made to modify the control systems of Potter and Zeinstra to include the use of the pressing the rotary switch for selection, as did Weimper. One would have been motivated to make such a combination because this allows for better management of space encompassing selection within the rotary switch.

7. With regard to claim 2, which teaches further comprising display means for displaying the option selected by the pointer, Potter teaches, in column 3, lines 26-31, a display means for displaying the option selected.

8. With regard to claim 3, which teaches in which the display means also display at least one of the preceding and/or following options in the list, Potter teaches, in column 10, lines 10-54 and figure 12, displaying previous and following options in the list.

9. With regard to claim 4, which teaches in which: said options contain names; a telephone number is associated with each option; and the action executed by the processor means is i0 dialing the corresponding telephone number, Potter teaches, in column 10, lines 10-54, options including names, and associated telephone numbers, where the action is dialing the number.

10. With regard to claim 5, which teaches in which: said options contain letters of the alphabet; and the action executed by the processor means is positioning the pointer on the first name beginning by the selected letter, Potter teaches, in column 10, lines 10-54, options including letters, where the action is locating a name associated with the textual entry.

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11. With regard to claim 6, which teaches in which: said options contain command menu titles, or the titles of lower-level menus; and the action executed by the processor means is to execute the corresponding command or to select the corresponding lower-level menu, Potter teaches, in column 10, lines 10-54, options including menu options for traversing to lower level menus.

### ***Conclusion***

The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach systems for control an onboard computer of a car.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DENNIS G. BONSHOCK whose telephone number is (571)272-4047. The examiner can normally be reached on Monday - Friday, 5:30 a.m. - 3:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kieu Vu can be reached on (571) 272-4057. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dennis G. Bonshock/  
Primary Examiner, Art Unit 2173  
8-4-09  
dgb